

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, AND 2008
SUPPLEMENTAL SPECIFICATIONS AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED.

POLE LOCATIONS - SEE LIGHTING PLANS.

CASING - CASING SHALL BE REQUIRED TO INSTALL THE DRILLED SHAFTS DUE TO THE PRESENCE OF GROUNDWATER. ADDITIONALLY, A TREMIE PIPE WILL BE REQUIRED TO PLACE CONCRETE IN ALL SHAFT LOCATIONS IF THE EXCAVATIONS CANNOT BE DEWATERED. ALTERNATIVELY, A SLURRY CONSTRUCTION MAY BE CONSIDERED. COST TO BE INCLUDED IN OVERALL FOUNDATION PRICE BID.

DESIGN DATA

SPECIFICATIONS ----- AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS
FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 5TH EDITION

CONCRETE ----- CLASS A, $f'_c = 3,000$ PSI

REINFORCEMENT STEEL: ----- $f_y = 60,000$ PSI

WIND SPEED: ----- 90 MPH

SUMMARY OF QUANTITIES PER 20 FOOT FOUNDATION-17 LOCATIONS

<u>PAY ITEM</u>	<u>NUMBER</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>PAY ITEM</u>
500-3101	10	CY	CLASS A CONCRETE	
511-1000	1438	LB	BAR REINF STEEL	

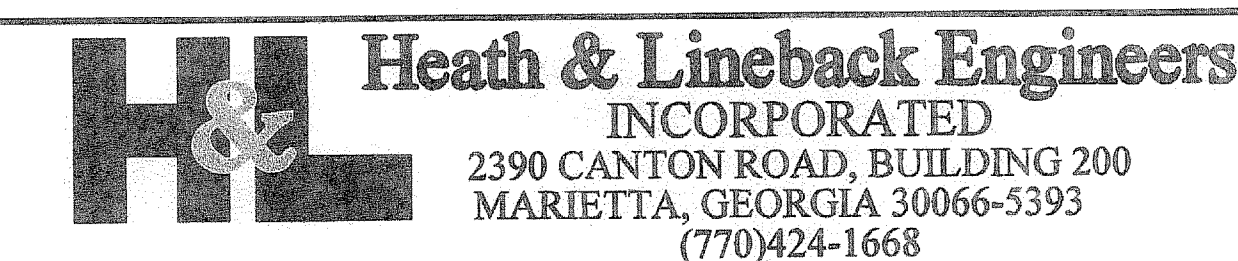
SUMMARY OF QUANTITIES PER 25 FOOT FOUNDATION-6 LOCATIONS

<u>PAY ITEM</u>	<u>NUMBER</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>PAY ITEM</u>
500-3101	12	CY	CLASS A CONCRETE	
511-1000	1800	LB	BAR REINF STEEL	

NOTES:

1. MAX HEIGHT OF LIGHT POLE = 110'
2. DRILLED SHAFTS ARE DESIGNED FOR AN ALLOWABLE END BEARING CAPACITY OF 4 KSF
3. ANCHOR BOLTS NOT SHOWN. ANCHOR BOLTS TO BE PROVIDED BY LIGHT POLE MANUFACTURER.
4. COORDINATE CONDUIT WITH REBAR LOCATIONS. SEE LIGHTING PLANS.

P.I. NO. 610870



GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

HIGH MAST LIGHTING
FOUNDATION DETAILS
CR 65 (UNION GROVE ROAD) OVER I-75

GORDON COUNTY NHSTP-0075-03(203)

SCALE: $\frac{1}{2}'' = 1''$ AUGUST 2011

DESIGNED <u>JRL</u>	CHECKED <u>BKA / MS</u>	REVIEWED <u>W.E.I./W.M.D.</u>
DRAWN <u>JRI</u>	DESIGN GROUP <u>EJC</u>	APPROVED <u>BFR</u>



August 1, 2011

DRAWING NO. 25 - 16
LIGHTING SHEET 16 OF 31

1 INCH WHEN PRINTED FULL SIZE

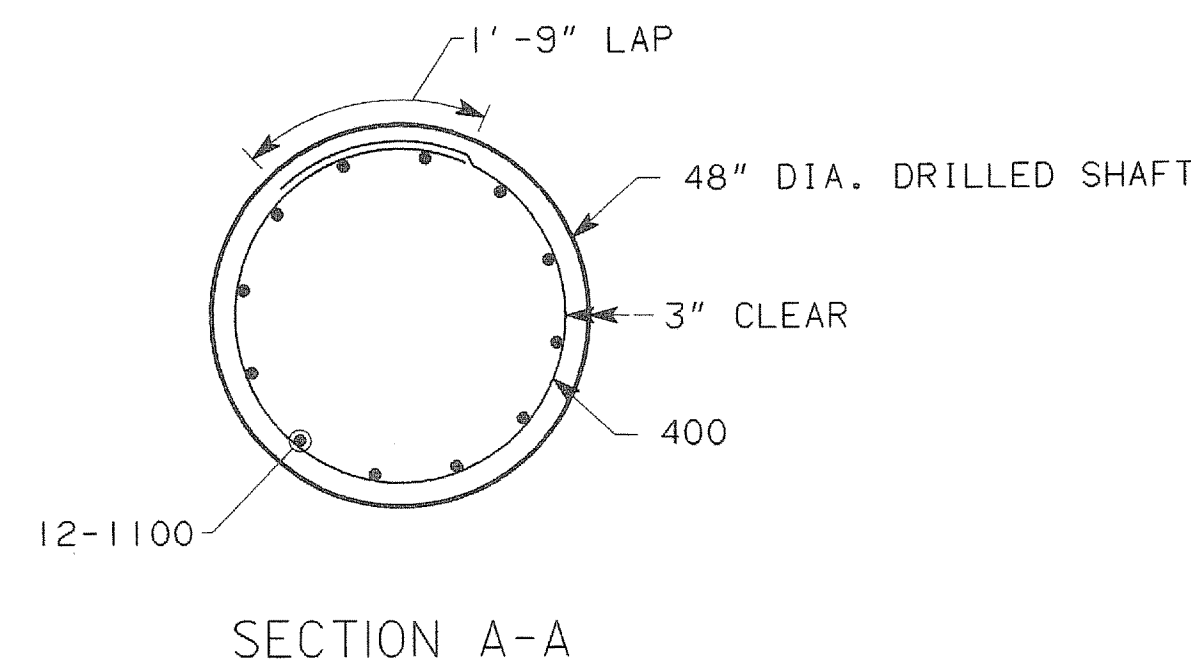
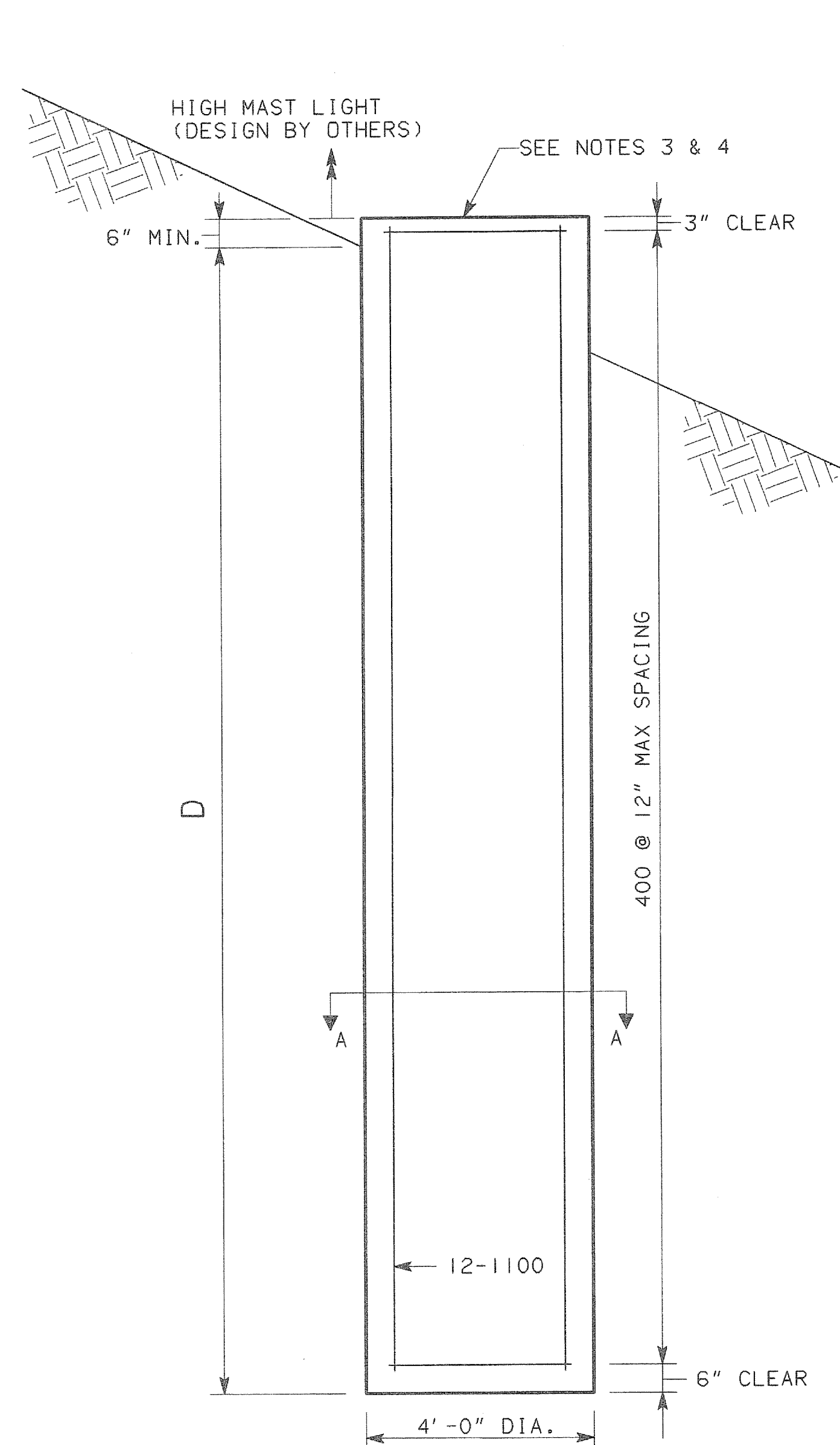


TABLE OF SHAFT DEPTHS	
LIGHT NO.	D
S-01	20
S-02	20
S-03	20
S-04	20
S-05	25
S-06	25
S-08	25
S-12	25
S-17	20
S-21	20
S-22	20
S-23	20
S-24	25
S-25	20
S-26	20
S-27	20
S-33	20
S-37	20
S-39	25
S-40	20
S-41	20
S-42	20
S-43	20

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